

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



OFFICE OF  
AIR AND RADIATION

March 17, 2003

Dear Ceiling Fan Manufacturer or Other Interested Party:

EPA welcomes your input on the following Draft 1 Version 2.0 specification for ENERGY STAR<sup>®</sup> qualified Ceiling Fans. This document outlines the proposed new product criteria and testing procedures that manufacturers must meet for their products to bear the ENERGY STAR. It is intended that once final, this specification will replace the current Version 1.1 specification, effective October 1, 2003. A detailed summary of changes document is also provided to aid in the comparison of the current specification and this Draft 1 Version 2.0 specification.

The proposed requirements provided in this Draft 1 Version 2.0 specification are based on discussions with stakeholders over the last year, comments made during the June 2002 Ceiling Fan Industry Meeting, and information regarding current ENERGY STAR qualified product inventory.

In addition to minor clarifications and some reorganization, the Draft 1 Version 2.0 specification incorporates the following changes:

- Definitions of light kit, integral light kit, standby mode, and hugger fan, provided in Section 1, have been refined.
- The medium speed minimum airflow and efficiency requirements (Section 3, Table 1) have been changed from 2500 CFM and 110 CFM/watt to 3000 CFM and 100 CFM/watt to accommodate performance expectations on the part of the consumer.
- The 5% measurement tolerance for the testing of product airflow and efficiency has been removed under the Tier II requirement (Section 3, Table 2). The tolerance was originally included to allow manufacturers time to redesign models to meet the minimum requirements while ensuring early market penetration of ENERGY STAR qualified models.
- The existing Tier II requirement that excludes screw-based CFL light kits and allows only pin-based designs, has been incorporated as a Tier I requirement with an effective date of October 1, 2003.
- Performance levels for hugger fans, standby mode, power factor, additional fan sizes, and sound have not been included as EPA does not yet have sufficient data to determine the appropriate minimum requirements for these items. EPA will continue to research each of these items based on industry interest and perceived benefits to the overall energy efficiency and quality of ENERGY STAR qualified ceiling fans.

**All interested parties will have 45 days to comment on this Draft 1 specification.** At the end this period, EPA will carefully review and consider all comments submitted and distribute subsequent drafts, as necessary. It is EPA's intention to finalize this Version 2.0 specification as soon as discussions with stakeholders are complete. The Final Version 2.0 specification will define all specification requirements that ceiling fan manufacturers must abide by in order to qualify and label a

product as ENERGY STAR. Once the specification is finalized, existing ceiling fan partners will not be required to resign a Partnership Agreement to continue their participation. **However, as of October 1, 2003, only those models that meet all of the Tier I requirements in the new Version 2.0 specification can continue to qualify.** Existing models that are not able to meet the new Tier I requirements, will no longer qualify as ENERGY STAR. However, if engineering changes are made to non-compliant products in order to meet the new specification, the partner must retest and resubmit the model for approval to remain qualified as ENERGY STAR. Products that no longer qualify under the new Tier I specification will be removed from the Qualified Products List on the ENERGY STAR Web site after the partner has been notified.

The exchange of ideas and information among EPA, industry, and other interested parties is critical to the success of ENERGY STAR. As such, you are strongly encouraged to provide prompt feedback. All comments will be posted to the ENERGY STAR Product Development Web site unless the submitter requests that their comments remain confidential. If you support the Draft 1 Version 2.0 specification, or do not wish to comment, please state this in writing or via email. It is equally important that EPA understand which portions of the draft specification meet with stakeholder approval, in addition to identifying the sections that may need further revision.

To track EPA's progress in revising the ENERGY STAR ceiling fan specification and to review comments, visit the Product Development Web site at [www.energystar.gov/productdevelopment](http://www.energystar.gov/productdevelopment) and click on "Revisions to Existing Product Specifications" on the right navigation bar.

**We encourage you to review the Draft 1 Version 2.0 specification and provide comments by April 21, 2003.** Comments should be sent to Rebecca Miller via e-mail at [rmiller@icfconsulting.com](mailto:rmiller@icfconsulting.com). If you have any questions or concerns about this process, please feel free to contact Ms. Miller at (202) 862-1266 or myself at (202) 564-9019.

Thank you for taking the time to review this draft specification. I look forward to working with you during the next few months.

Respectfully,

A handwritten signature in black ink, appearing to read 'Andrew Fanara', with a long horizontal line extending to the right.

Andrew Fanara  
EPA Program Manager  
ENERGY STAR for Residential Ceiling Fans